

Title (en)
Saddle Riding Type Vehicle

Title (de)
Sattelfahrzeug

Title (fr)
Véhicule de type à enfourcher

Publication
EP 2599975 A3 20130626 (EN)

Application
EP 12192151 A 20121112

Priority
JP 2011262753 A 20111130

Abstract (en)
[origin: EP2599975A2] A saddle riding type vehicle capable of improving detection accuracy by an oxygen sensor while reducing ventilation resistance in an exhaust path is provided. The vehicle includes an engine 34 provided with an exhaust path 68 and an oxygen sensor 72 attached to the engine 34 to detect oxygen included in exhaust gas. The engine 34 has a recess 70 provided at an inner surface of the exhaust path 68 and increasing a path sectional area of the exhaust path 68 and an insertion hole 76 opened at an inner surface of the recess 70. The oxygen sensor 72 is inserted in the insertion hole 76 as at least a part of its tip end is positioned in the recess 70.

IPC 8 full level
F01N 13/00 (2010.01)

CPC (source: EP)
F01N 13/008 (2013.01); **F01N 2560/025** (2013.01)

Citation (search report)

- [XY] JP H08177503 A 19960709 - YAMAHA MOTOR CO LTD
- [Y] JP H09236053 A 19970909 - NISSAN MOTOR
- [XY] EP 2295762 A1 20110316 - YAMAHA MOTOR CO LTD [JP]
- [Y] JP 2004293403 A 20041021 - YANMAR CO LTD

Cited by
FR3067396A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2599975 A2 20130605; EP 2599975 A3 20130626; EP 2599975 B1 20170329; BR 102012030477 A2 20140304;
BR 102012030477 B1 20210302; CN 103133171 A 20130605; CN 103133171 B 20170524; ES 2621882 T3 20170705;
JP 2013113279 A 20130610; MY 164747 A 20180130; TW 201341646 A 20131016; TW I507602 B 20151111

DOCDB simple family (application)
EP 12192151 A 20121112; BR 102012030477 A 20121129; CN 201210505937 A 20121130; ES 12192151 T 20121112;
JP 2011262753 A 20111130; MY PI2012701011 A 20121127; TW 101143782 A 20121122